No.	Delta	Radius	Arc Length	Chord Length	Chord Bearing
C1	43°35'42"			96.55	S70°30'19"W

No.	Bearing	Distance
L1		

TAX MAP 18
LOT 9-A
OPEN SPACE

N49°12'57"E
73.32'

OPEN SPACE FOR
CLUSTER SUBDIVISION
(PRECLUDED FROM
DEVELOPMENT)

TAX MAP 18
LOT 9-6
42,906 SF±

S42°11'18"E
194.53'

TAX MAP 18
LOT 9-A
OPEN SPACE

TAX MAP 18
LOT 9-8

BM #5
SET SPIKE
EL 87.48

N49°12'57"E
135.09'

PROPOSED
WELL

BM #4
SET NAIL
BASE TREE
EL 90.36

75'

65.5'±

48'±

54'±

49.5'±

PROPOSED DRIVEWAY

PROTECTIVE RADIUS

SOIL
CLASS
323

3 BEDROOM
HOUSE
WITH BASEMENT
& PORCH

45.9'

28.9'

37'

25'MIN

20'

41.5'±

71'±

48.3'±

36.5'±

55.5'±

SEPTIC
TANK
1250 G

LEVEL

TO BE

61.21'
S50°05'39"W

63.64'
S09°15'06"W

L=98.91'
R= 130.00'

OUTFALL
INV 78±

10+55±
HIGH POINT

HERON WAY
(UNDER CONSTRUCTION)

BM #1
FND NAIL
WOOD POST
EL 88.09

BM #2
SET HUB
EL 82.66

BM #3
SET HUB
EL 85.02

TAX MAP 18
LOT 9-7

TAX MAP 18
LOT 9-A
OPEN SPACE

D34619

```
Command= 210-
Point#, Start#-End# or G#= 1-100
Bearing      Distance  Elev    Descrip  Pnt.  Northing     Easting      Type
-------------------------01-16-2024-----17:19:23-------------------D:...\BMHOME5
                                        1     5000.0000    5000.0000
                                        2     5147.8104    4866.0286    TRA
                                        3     5236.0527    4968.3154    TRA
                                        4     5283.9462    5023.8315    TRA
                                        5     5139.8109    5154.4720    TRA
                                        6     5100.5429    5107.5178    TRA
                                        7     5037.7308    5097.2863    TRA
                                        8     4907.8360    5092.0625    TRA
                                        9     5005.5119    5006.2758    PT
                                        10    5006.1771    4994.4014    TRA
                    87.10   inst        11    5102.9256    4971.3386    INT
                    82.72   sethub      12    5046.7219    4955.5101    TRA
                    81.54   topipin*    13    5006.3781    4994.6422    SS
                    86.87   fnddh       14    5100.5429    5107.5178    SS
                    88.64   nltbm69     15    5148.0448    4865.5702    SS
                                        16    5006.2322    4994.3513    INT
                    80.24   bs          17    5026.2095    4972.1128    SS
                    83.18   @wll        18    5043.5827    5035.2312    SS
                    84.38   gnd         19    5081.3192    5022.7532    SS
                    85.08   hubpit2     20    5095.4224    5042.2025    SS
                    86.23   gnd         21    5122.3992    5066.1800    SS
                    88.30   @wll        22    5156.4086    5050.6748    SS
                    90.42   setnl**     23    5185.9174    5018.9720    SS
                    86.89   @flag?      24    5151.2009    4970.6677    SS
                    87.22   gnd         25    5196.8500    4930.5470    SS
                    87.48   gnd         26    5218.7507    4947.1201    SS
                    87.54   setspk      27    5186.9544    4908.8787    SS
                    87.43   pit84       28    5142.7526    4907.9641    SS
                    87.53   @post       29    5095.3274    4912.6384    SS
                    88.09   nltbm68     30    5080.7781    4925.0768    SS
                    82.97   pit1        31    5059.8945    4988.1269    SS
                    85.96   pit83       32    5083.8883    4952.8466    SS
                    86.07   gnd         33    5113.0152    4999.6123    SS
                    85.44   gnd         34    5089.1368    4983.6723    SS
                    87.55   gnd         35    5109.9762    4932.1783    SS
                    86.86   gnd         36    5140.6337    4948.5101    SS
                                        37    5185.8730    5018.9713    TRA
                            hub         38    5095.4039    5042.1534    SS
                            dh          39    5100.5507    5107.4988    SS
```

JOB #1 504MORIARTY [100]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
----------01-16-2024-----				17:19:23	----------	D:...\BMHOME5	
			NAIL	40	5148.0187	4865.5535	SS
			corfnd	41	5140.4084	4995.7666	SS
			corfnd	42	5126.6315	4978.7388	SS
			corfnd	43	5136.3506	4970.8662	SS
			corfnd	44	5113.1715	4942.0828	SS
			corfnd	45	5134.5570	4924.8243	SS
			corfnd	46	5164.8093	4949.9488	SS
			corfnd	47	5168.1456	4954.1033	SS
			corfnd	48	5171.5744	4970.7868	SS
				49	5111.2903	4899.2387	INT
				50	5090.9943	4917.6952	INT
				51	5196.5702	4922.5489	INT
				52	5248.6495	5055.8235	INT

Point#, Start#-End# or G#= 4-

APPROVAL FOR CONSTRUCTION

CA2007087717 N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095 APPROVAL NO. CA2007087717

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER: DAVID MORIARTY
157 ASH SWAMP RD
NEWMARKET NH 03857-

COPY SENT TO: TOWN OF STRATHAM
10 BUNKER HILL AVE
STRATHAM NH 03885

BY APPLICANT: PERMIT NO. 00348
STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

Map No./Lot No.: 18/9-6
Subd. Appvl. No.: 2007007868
Subd. Name: WILLOW POND
County: ROCKINGHAM
Registry Book No.: 3914
Registry Page No.: 0860
Probate Docket No.: (If Applicable)

Type of System: O
3 BR
450 GPD

Town/City Location: STRATHAM

Street Location: HERON WAY

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 1503.04)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

1. TANK, D-BOX AND ALL PIPE CONNECTIONS MUST BE SEALED AND WATERTIGHT.

05/24/2007 CHRISTOPHER P MOORE

Approved this date: _____ By: _____ N.H. Department of Environmental Services Staff

Date amended: _____ Amended by: _____ (OVER)

REVISED 8/01

200702496 APPLICANT'S

APPROVED
Town of Stratham
Septic System Examiner
5/21/07

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
5/24/07
Signed
Date

ALL
ORS OCCUR,

PERC TEST DATA

PT

DATE: APRIL 20, 2007

PERC RATE: 6 MIN/IN DEPTH: 24"

DESIGN LOADING: 3 BEDROOMS

AREA REQUIRED: 675 SQUARE FEET

AREA PROPOSED: 20' X 35' = 700 SF PROVIDED

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

PROPOSED

SEPTIC SYSTEM PLAN

LOCUS: LOT 9-6, HERON WAY
STRATHAM, NH

CA 2007 087 717

RECEIVED MAY 23 2007 By Subsurface

OWNER: DAVID MORIARTY
157 ASH SWAMP ROAD
NEWMARKET, NH 03857

NEW HAMPSHIRE
Designer
of
Subsurface Disposal
Systems
Ann W. Bialobrzeski
No. 348
Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306

DATE: MAY, 13, 2007

APPROVAL: _____

504

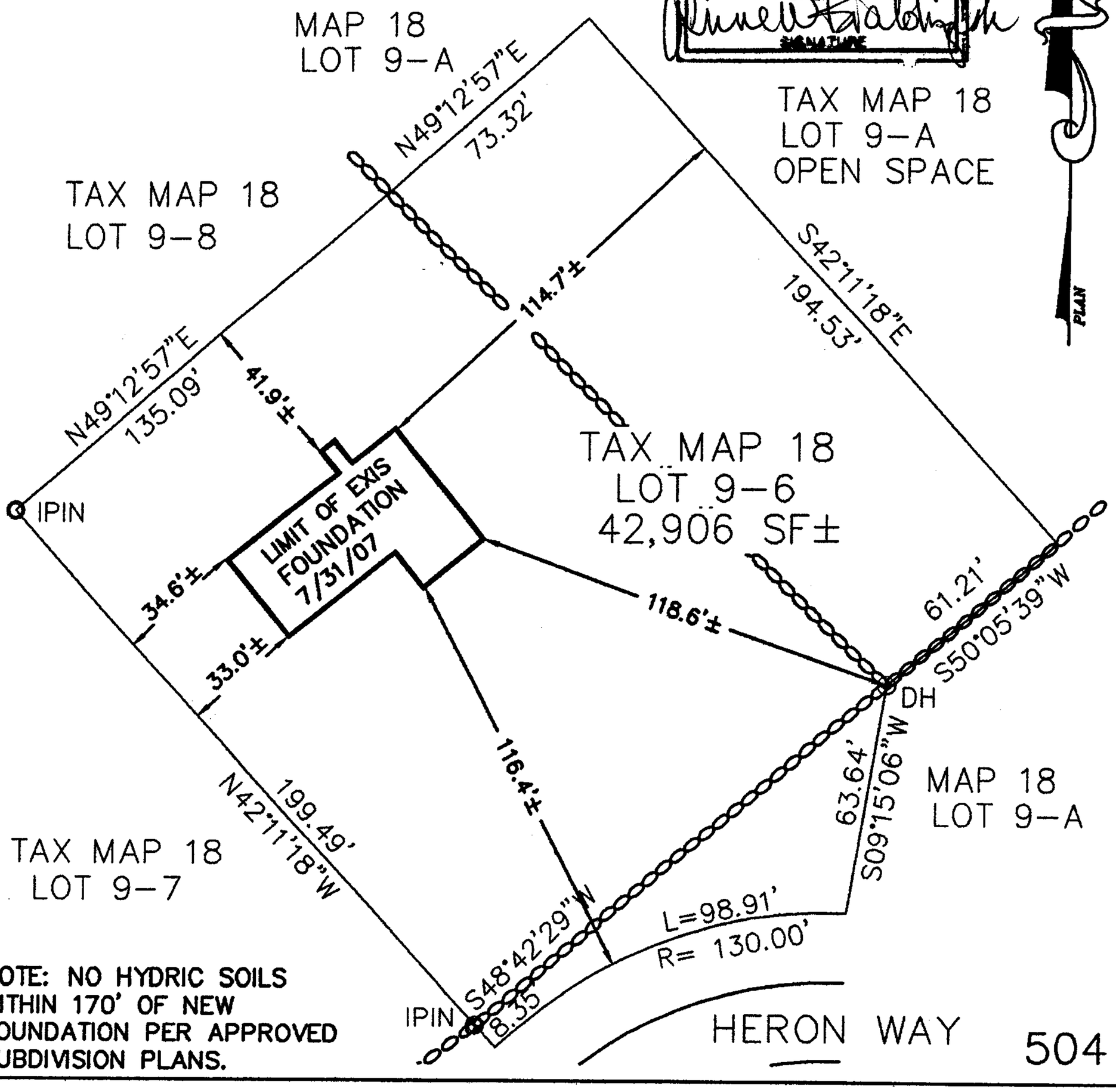
FOUNDATION CERTIFICATION
LOT 9–6 HERON WAY, STRATHAM, NH

SCALE: 1"=50' JULY 31, 2007

PREPARED BY STOCKTON SERVICES
PO BOX 1306, HAMPTON, NH 603 929–7404

THE PURPOSE OF THIS PLAN IS TO SHOW THE LOCATION OF CONSTRUCTION WITH RESPECT TO EXISTING BOUNDARIES. NO OTHER REPRESENTATION IS INTENDED OR IMPLIED.

OWNER OF RECORD: DAVID N. MORIARTY
157 ASH SWAMP ROAD, NEWMARKET, NH 03857
DEED REF: RCRD 4811–2387
LOT AREA: 42,906 SF±
PLAN REF: RCRD PLAN D34619
TAX MAP 18 LOT 9–6
ZONING CLASS: RESIDENTIAL–AGRICULTURAL



NOTE: NO HYDRIC SOILS WITHIN 170' OF NEW FOUNDATION PER APPROVED SUBDIVISION PLANS.

Dave Moriarty

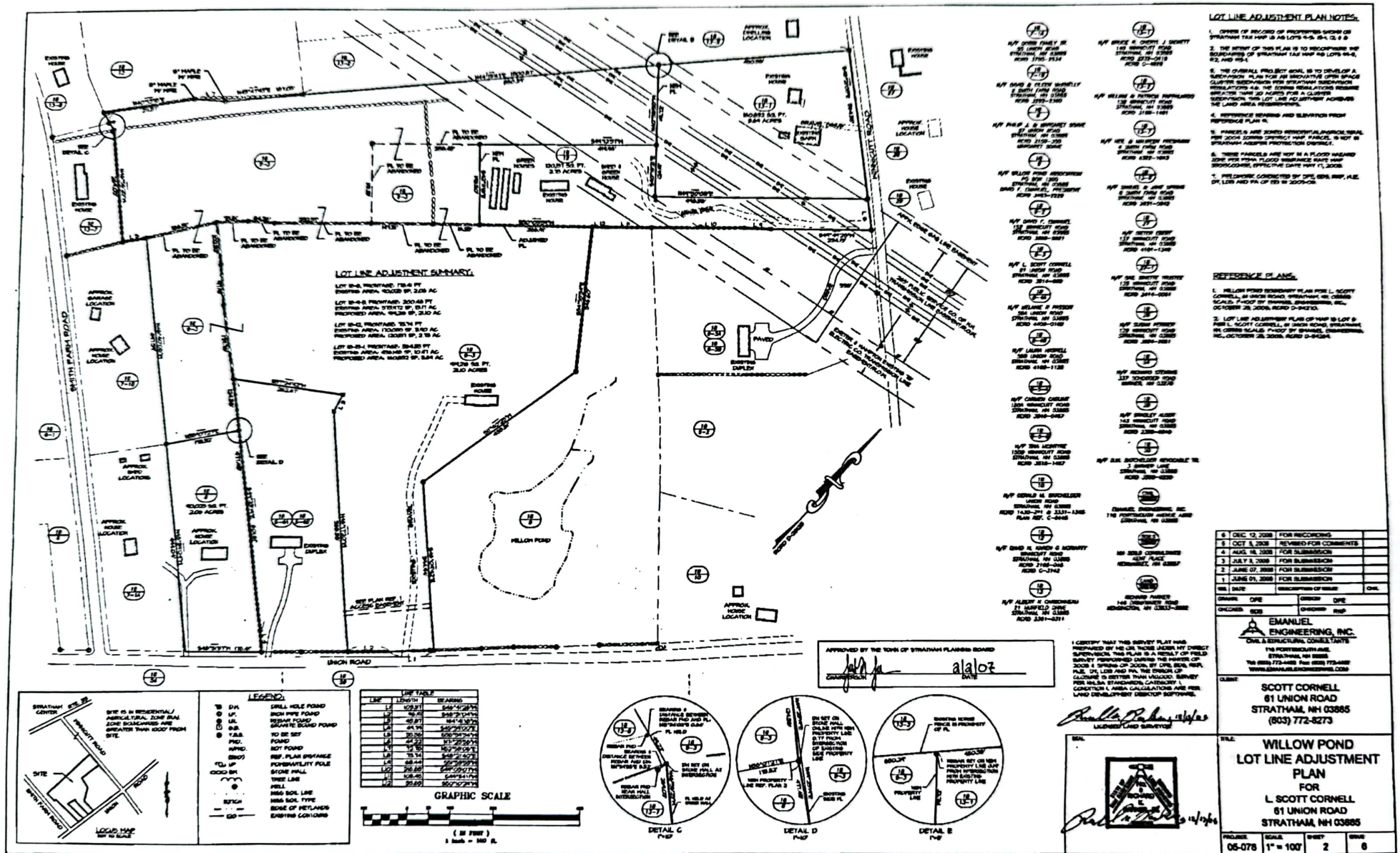
Dave Moriarty Jr
Moriarty's Greenhouse
144 Winnicut Rd
Stratham

Dave Moriarty Jr
175 Ash Swamp Rd
Newmarket, NH 03857
659-1208

03857

2007 FEB -7 PM 1:49

007481



D-34507

Stratham* ~~1~~ 1/2 Town of Stratham
- Town Planner -
Chuck Grassie
go through Newcomb
RCCD Dick BOND-
HNDA ~~Beaudoin~~ secy
Beaudoin

Moriarty's greenhouse
Winnicut Road-
- Pipe'n'stone -

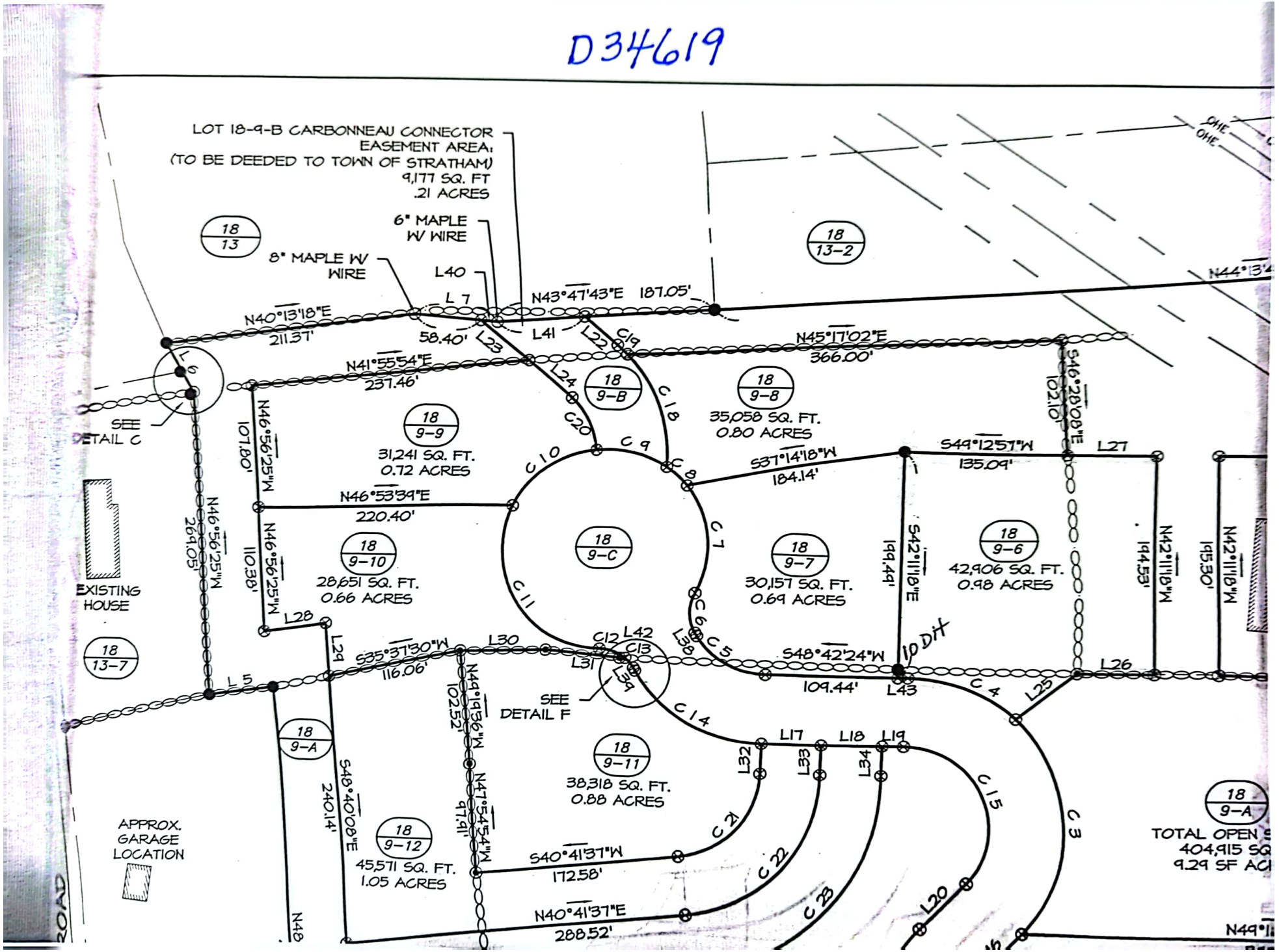
- New Road -
- approval's -

Dave Moriarty
~~Winnie~~
UNION Rd
Stratham

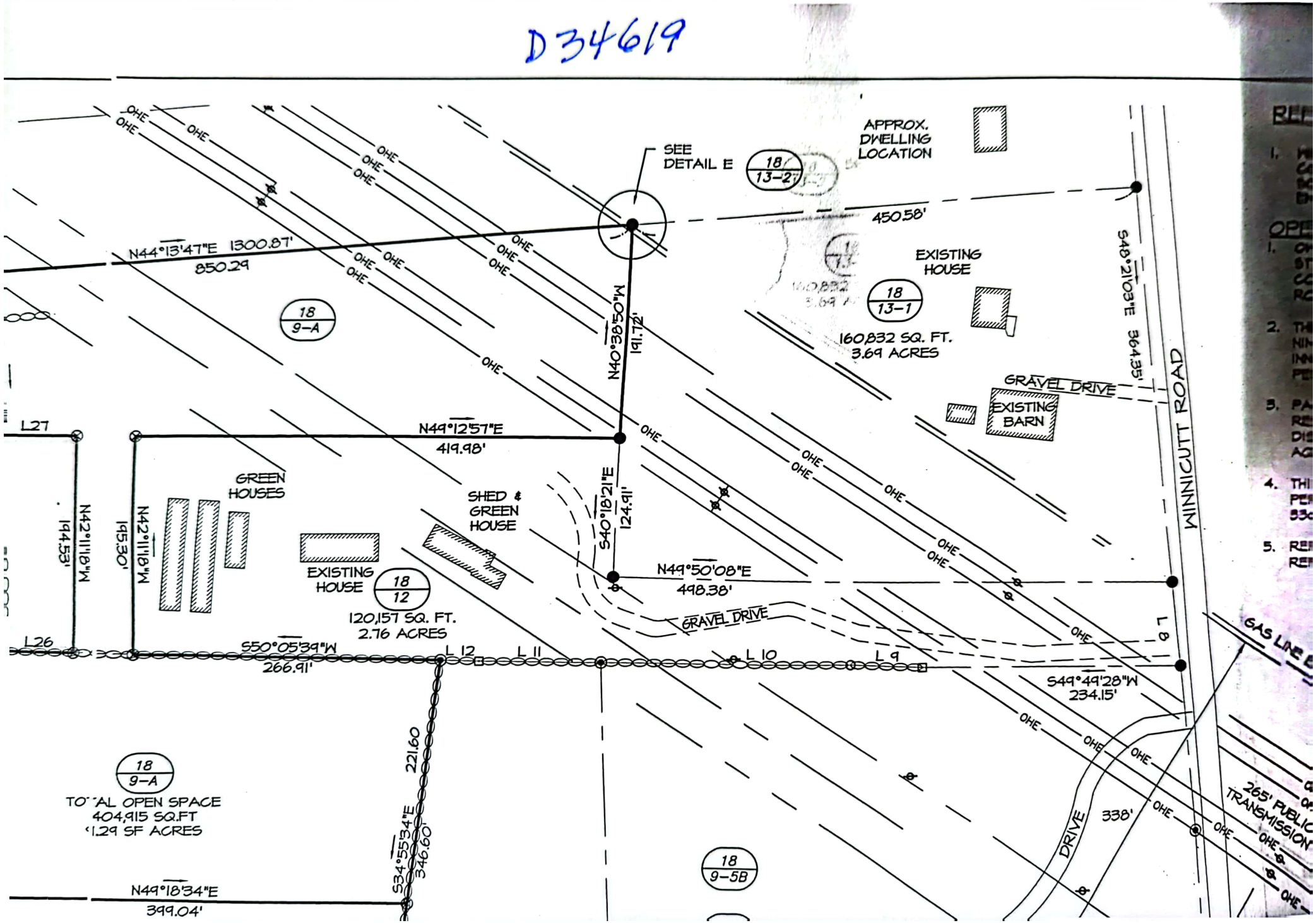
www.radisson.com
1-800-333-3333
Q-170-571(6/02)

Radisson

D34619


LOT 18-9-B CARBONNEAU CONNECTOR EASEMENT AREA: (TO BE DEEDED TO TOWN OF STRATHAM) 9,177 SQ. FT .21 ACRES
18/13
18/13-2
6" MAPLE W/ WIRE
8" MAPLE W/ WIRE
L40
L7
N43°47'43"E 187.05'
N44°13'4
N40°13'18"E 211.37'
58.40'
L23
L41
L22
C19
N45°17'02"E 366.00'
S46°28'08"E 102.10'
L6
N41°55'54"E 237.46'
L24
C20
18/9-B
C18
18/9-8
35,058 SQ. FT. 0.80 ACRES
SEE DETAIL C
18/9-9
31,241 SQ. FT. 0.72 ACRES
N46°56'25"W 107.80'
C10
C9
C8
S37°14'18"W 184.14'
S49°12'57"W 135.09'
L27
N46°53'39"E 220.40'
N46°56'25"W 269.05'
N46°56'25"W 110.38'
18/9-10
28,651 SQ. FT. 0.66 ACRES
18/9-C
C7
18/9-7
30,157 SQ. FT. 0.69 ACRES
S42°11'18"E 199.49'
18/9-6
42,906 SQ. FT. 0.98 ACRES
N42°11'18"W 194.53'
N42°11'18"W 195.30'
EXISTING HOUSE
C11
C6
C5
L28
L29
L30
C12
L42
C13
L38
S48°42'24"W
Ip Dit
109.44'
L43
L26
18/13-7
S35°37'30"W 116.06'
L31
L39
L25
C4
L5
SEE DETAIL F
C14
L17
L18
L19
18/9-A
N49°19'36"W 102.52'
18/9-11
38,318 SQ. FT. 0.88 ACRES
L32
L33
L34
C15
C3
S48°40'08"E 240.14'
N47°54'54"W 97.91'
C21
C22
C23
18/9-12
45,571 SQ. FT. 1.05 ACRES
S40°41'37"W 172.58'
N40°41'37"E 288.52'
L20
APPROX. GARAGE LOCATION
TOTAL OPEN S
404,915 SQ
9.29 SF AC
N49°1
ROAD
N48

D34619


SEE DETAIL E
18 / 13-2
APPROX. DWELLING LOCATION
450.58'
N44°13'47"E 1300.87'
850.29
18 / 9-A
N40°38'50"W 191.72'
S48°21'03"E 364.35'
EXISTING HOUSE
18 / 13-1
160,832 SQ. FT.
3.69 ACRES
GRAVEL DRIVE
EXISTING BARN
WINNICUTT ROAD
L27
N49°12'57"E
419.98'
GREEN HOUSES
SHED & GREEN HOUSE
S40°18'21"E 124.91'
N42°11'18"W 194.53'
N42°11'18"W 195.30'
EXISTING HOUSE
18 / 12
120,157 SQ. FT.
2.76 ACRES
N49°50'08"E
498.38'
GRAVEL DRIVE
L26
S50°05'39"W
266.91'
L12
L11
L10
L9
L8
S49°49'28"W
234.15'
GAS LINE E
18 / 9-A
TOTAL OPEN SPACE
404,915 SQ.FT
'1.29 SF ACRES
221.60
S34°55'34"E
346.60'
265' PUBLIC TRANSMISSION
338'
DRIVE
N49°18'34"E
399.04'
18 / 9-5B
OHE

ISS.	DATE:	DESCRIPTION OF ISSUE:	CHK.
5	OCT. 05, 2006	REVISED PER COMMENTS	
4	AUG. 18, 2006	FOR SUBMISSION	
3	JULY 3, 2006	FOR SUBMISSION	

DRAWN: DFE	DESIGN: DFE
CHECKED: DFE	CHECKED: DFE

EMANUEL ENGINEERING, INC.
CIVIL & STRUCTURAL CONSULTANTS
118 PORTSMOUTH AVE.
STRATHAM, NH 03885
Tel: (603) 772-4400 Fax: (603) 772-4487
WWW.EMANUELENGINEERING.COM

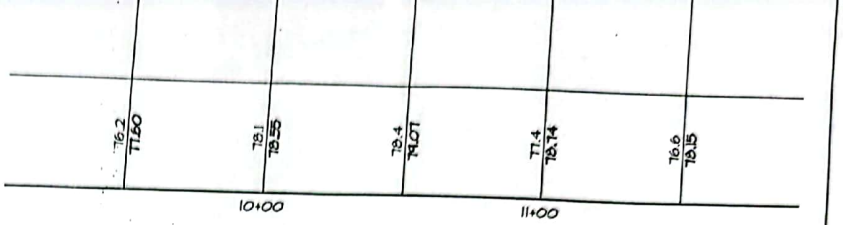
CLIENT:

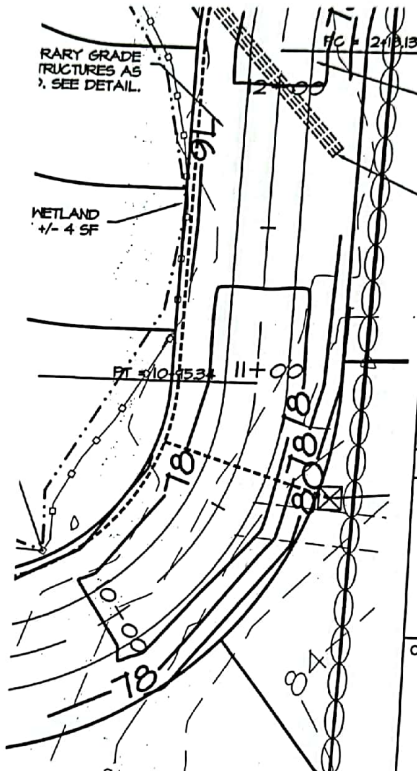
SCOTT CORNELL
61 UNION ROAD
STRATHAM, NH 03885
(603) 772-8273

TITLE:

WILLOW POND
EXISTING CONDITIONS
FOR
L . SCOTT CORNELL
61 UNION ROAD
STRATHAM, NH 03885

PROJECT:	SCALE:	SHEET:	ISSUE:
05-078	1" = 100'	3	5





INSTALL UNDERDRAIN BETWEEN STATIONS 9+50 AND 12+50 FOR ALL ROAD CUTS AS REQUIRED SEE DETAILS.

INSTALL 2 - 15" RCP CULVERTS 120' LONG W/ HEADWALLS AT ENTRANCE & EXIT, SEE DETAIL.
INV IN EL. = 75.1
SLOPE = 0.0008%
INV OUT EL. = 75.0

ISS.	DATE:	DESCRIPTION OF ISSUE:	CHK.
5	OCT. 05, 2006	REVISED PER COMMENTS	
4	AUG. 18, 2006	FOR SUBMISSION	FSE
3	JULY 3, 2006	FOR SUBMISSION	DFE

DRAWN: DFE	DESIGN: DFE
CHECKED: BDS	CHECKED: BDS

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STRATHAM, NH 03885
Tel: (603) 772-4400 Fax: (603) 772-4487
WWW.EMANUELENGINEERING.COM

CLIENT:

SCOTT CORNELL
61 UNION ROAD
STRATHAM, NH 03885
(603) 772-8273

SEAL

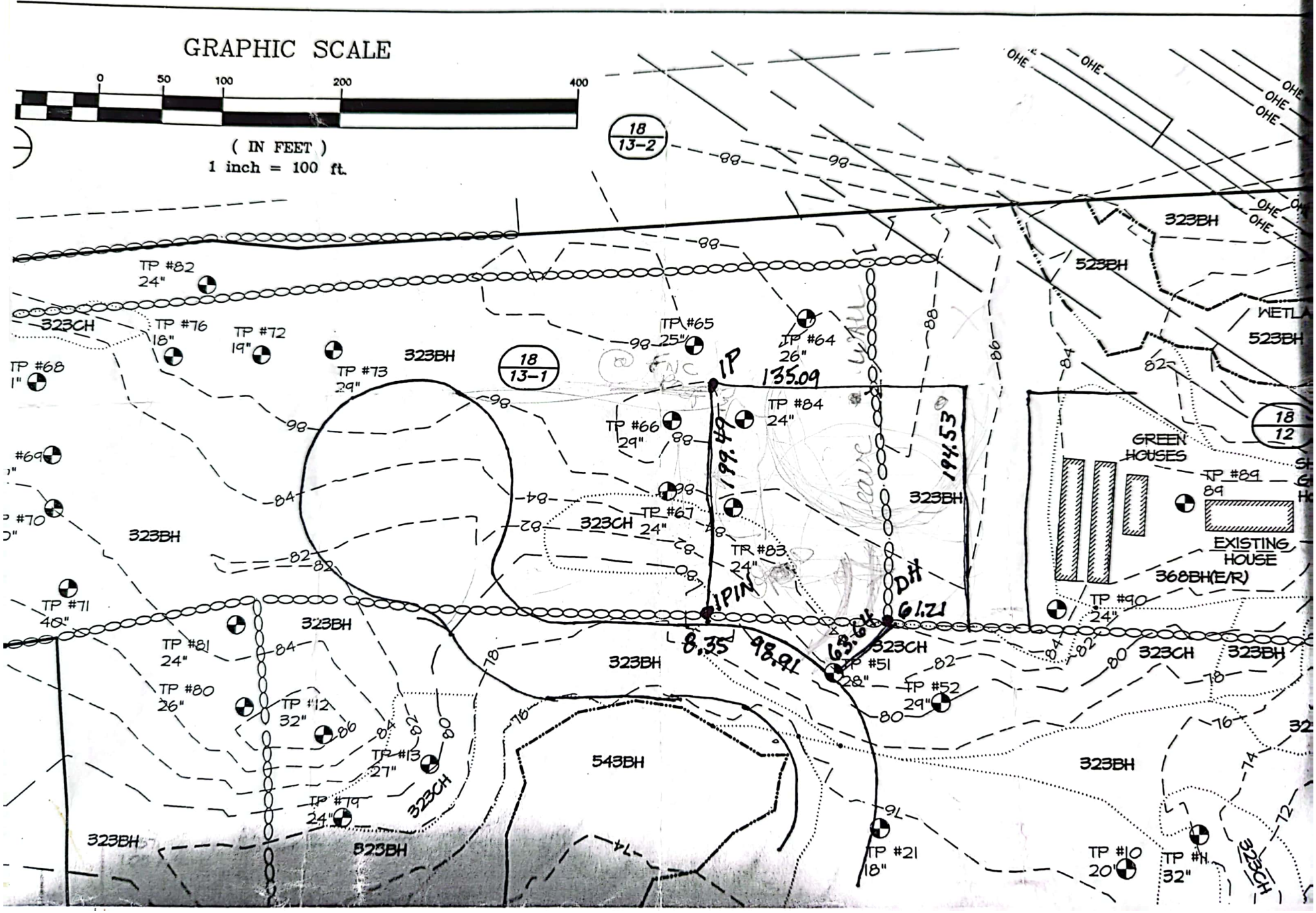
STATE OF NEW HAMPSHIRE - DAVID F. EMANUEL No. 11383 LICENSED PROFESSIONAL ENGINEER -

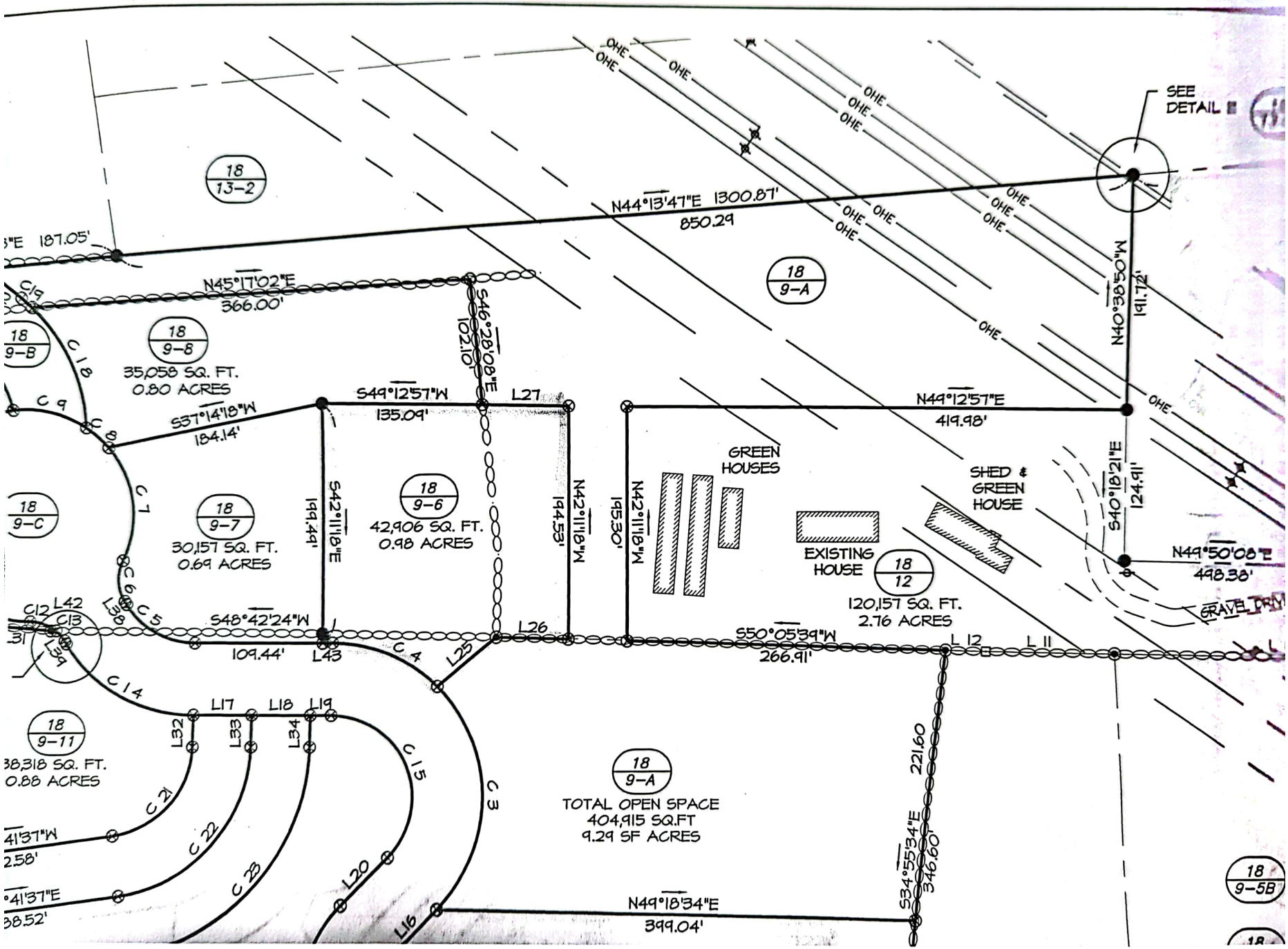
10/05/06

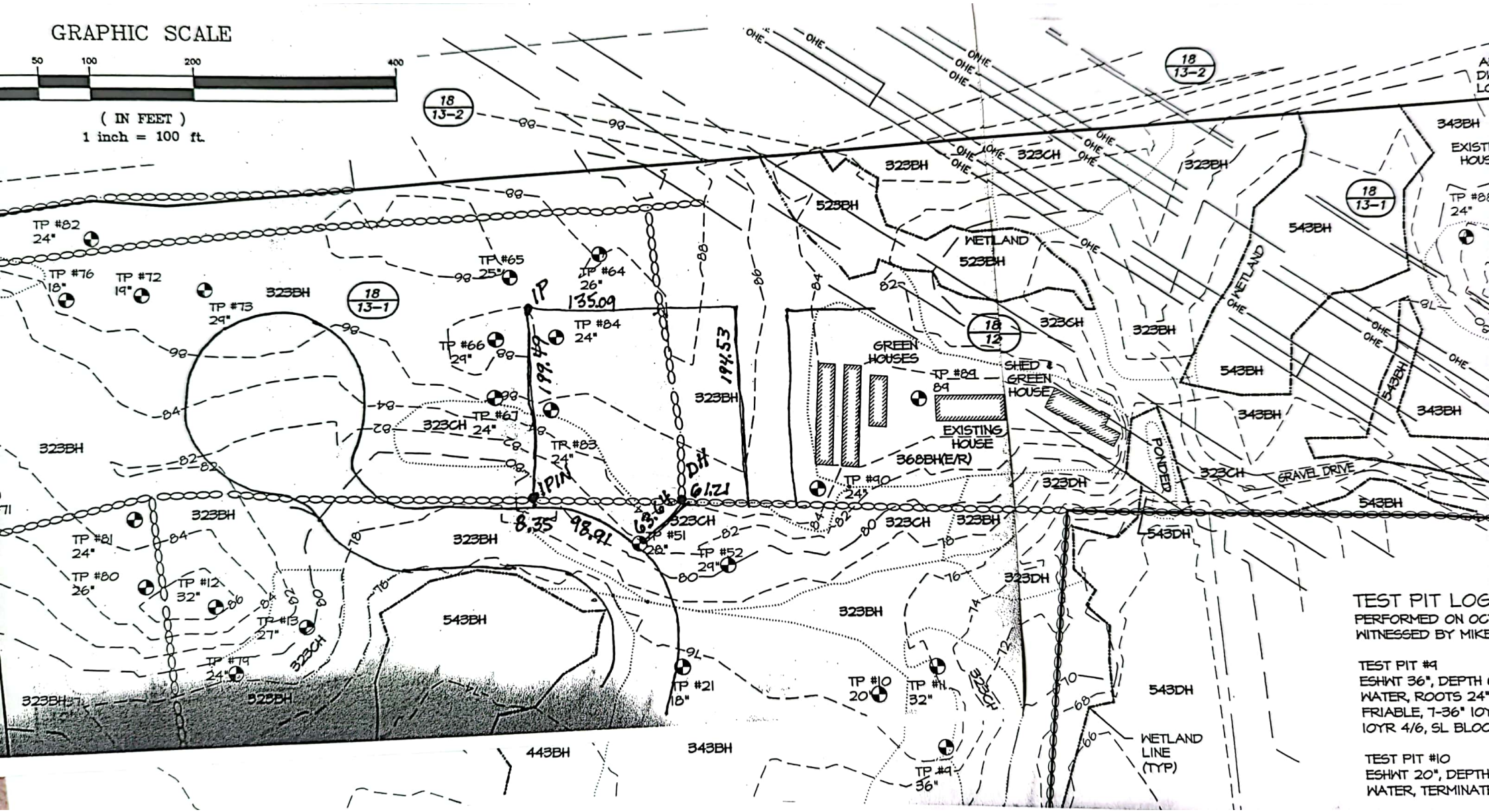
TITLE:

ROAD PROFILE PLAN
FOR
L. SCOTT CORNELL
61 UNION ROAD
STRATHAM, NH 03885

PROJECT:	SCALE:	SHEET:	ISSUE:
05-078	1" = 40'	R1	5


GRAPHIC SCALE
0 50 100 200 400
(IN FEET)
1 inch = 100 ft.
18
13-2
18
13-1
18
12
323BH
323CH
523BH
543BH
368BH(E/R)
TP #82
24"
TP #76
18"
TP #72
19"
TP #73
29"
TP #65
25"
TP #64
26"
TP #68
TP #69
TP #70
TP #71
40"
TP #81
24"
TP #80
26"
TP #12
32"
TP #13
27"
TP #79
24"
TP #66
29"
TP #84
24"
TP #67
24"
TP #83
24"
TP #51
28"
TP #52
29"
TP #21
18"
TP #10
20"
TP #11
32"
TP #89
89
TP #90
24"
IP
135.09
199.49
194.53
IPIN
DH
61.21
63.64
8.35
98.91
GREEN HOUSES
EXISTING HOUSE
OHE
WETL


SEE DETAIL
18 13-2
N44°13'47"E 1300.87'
850.29
OHE
N45°17'02"E
366.00'
18 9-A
18 9-B
18 9-8
35,058 SQ. FT.
0.80 ACRES
S46°28'08"E
102.10'
S49°12'57"W
135.09'
L27
N49°12'57"E
419.98'
N40°38'50"W
191.72'
S37°14'18"W
184.14'
C 18
C 9
C 8
C 7
18 9-C
18 9-7
30,157 SQ. FT.
0.69 ACRES
S42°11'18"E
199.49'
18 9-6
42,906 SQ. FT.
0.98 ACRES
N42°11'18"W
194.53'
N42°11'18"W
195.30'
GREEN HOUSES
SHED & GREEN HOUSE
EXISTING HOUSE
18 12
120,157 SQ. FT.
2.76 ACRES
S40°18'21"E
124.91'
N49°50'08"E
498.38'
GRAVEL DRIVE
C12 L42 C13 L38 C 6 C 5
S48°42'24"W
109.44'
L43
C 4
L25
L26
S50°05'39"W
266.91'
L 12
L 11
C 14
L17 L18 L19
L32 L33 L34
18 9-11
38,318 SQ. FT.
0.88 ACRES
C 21
C 22
C 23
C 15
C 3
L20
L16
18 9-A
TOTAL OPEN SPACE
404,915 SQ.FT
9.29 SF ACRES
221.60
S34°55'34"E
346.60'
N49°18'34"E
399.04'
18 9-5B


GRAPHIC SCALE
50 100 200 400
(IN FEET)
1 inch = 100 ft.
18 13-2
18 13-1
18 12
323BH
323CH
323DH
543BH
543DH
343BH
368BH(E/R)
443BH
523BH
WETLAND
OHE
GREEN HOUSES
SHED & GREEN HOUSE
EXISTING HOUSE
PONDER
GRAVEL DRIVE
WETLAND LINE (TYP)
TP #82 24"
TP #76 18"
TP #72 19"
TP #73 29"
TP #65 25"
TP #64 26"
TP #84 24"
TP #66 29"
TP #67 24"
TP #83 24"
TP #89 89
TP #90 24"
TP #81 24"
TP #80 26"
TP #12 32"
TP #13 27"
TP #79 24"
TP #51 28"
TP #52 29"
TP #21 18"
TP #10 20"
TP #11 32"
TP #9 36"
135.09
199.49
194.53
61.21
8.35
98.91
TEST PIT LOG
PERFORMED ON OC
WITNESSED BY MIKE
TEST PIT #9
ESHWT 36", DEPTH
WATER, ROOTS 24"
FRIABLE, 7-36" 10Y
10YR 4/6, SL BLOC
TEST PIT #10
ESHWT 20", DEPTH
WATER, TERMINATE